



POLYPIPE CIVILS LTD SAFETY DATA SHEET

Date: December 2002
Code: PVC Rigid Pipe
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1. IDENTIFICATION

PRODUCT NAME: PVC Rigid Pipe

SUPPLIER: POLYPIPE CIVILS LTD
UNION WORKS
BISHOP MEADOW RD
LOUGHBOROUGH
LE11 5RE

TELEPHONE: 01509 615100
EMERGENCY: 01663 750221

The following information is based upon our current knowledge and experience of our products and is not exhaustive. It applies to the product range outlined above. The potential hazards identified, together with the recommended precautions for storage, handling and use, give the basic information for conducting workplace risk assessments and adequate control measures under the Management of Health and Safety at Work Regulations 1998 and Control of Substances Hazardous to Health Regulations 1999.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Polyvinyl Chloride (PVC)	CAS No#9002-86-2	W/W% - >99.5%	Risk Phrases : None
Chloroethylene (VCM)	CAS No#75-01-4	W/W - <10 ppm	Hazard Symbol – F+, T Risk Phrases – R45, R12

3. HAZARDS IDENTIFICATION

There are no known hazards associated with the solid products, although fine particles released on cutting may cause irritation to the eyes and respiratory tract.

The product is supplied in 2 to 6 metre lengths of 40 to 300 mm diameters. Bulk packs should be stored in suitable racking to prevent damage.

4. FIRST AID MEASURES

Inhalation: Not applicable
Eye contact: Rinse with clean water to remove particles. Seek medical advice.
Skin contact: Wash with soap and water
Ingestion: Wash out mouth with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Use water spray, CO2 or foam. If immediate action fails to extinguish evacuate the building. Hazardous combustion products : Toxic Gases & Fumes including Hydrogen Chloride, Carbon Monoxide and Carbon Dioxide.

With large fires self-contained breathing apparatus must be worn. Combustion will cease on flame removal.

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6. ACCIDENTAL RELEASE MEASURES

Not Applicable

7. HANDLING AND STORAGE

Usage Precautions :

There are no specific usage procedures identified for this product. Gloves should be worn if edges are sharp where material has been broken.

Storage Precautions :

No special requirements are needed for storage. PVC products should not be stored in contact with strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls

OES for Dust (when products are cut) 10mg/m³ Total inhalable dust (8Hr TWA), 4 mg/m³ Respirable Dust (8 Hr TWA)

PPE

Wear suitable dust mask and eye protection when cutting

Decomposition Products

OES Hydrogen Chloride – STEL (15 mins) 5 ppm

OES Carbon Monoxide – STEL (15 mins) 200ppm

9. PHYSICAL AND CHEMICAL PROPERTIES *

Appearance:	Solid plastic product
Odour/Taste:	None
Density:	>1.4g/cm ³
Flash Point (°C)	>350°C
Solubility	Insoluble
Ignition temperature	>450°C
Decomposition temp	100°C

10. STABILITY AND REACTIVITY

PVC products are completely stable in normal use. Avoid sources of ignition.

With the exception of Sulphuric Acid (>90%) and Nitric Acid (>50%) PVC is resistant to acids and aqueous alkalis up to 60°C. Above this temperature the polymer is attacked.

Hazardous Decomposition Products: Thermal decomposition will evolve toxic vapours – hydrogen chloride, carbon monoxide and carbon dioxide as well as fire soot

11. TOXICOLOGICAL INFORMATION

Inhalation:	PVC products may contain extremely small traces of vinyl chloride monomer
Ingestion:	High concentrations of dust may be irritant to the respiratory tract
Skin:	Dust may be irritant in contact with skin
Eyes:	Fine particles may be irritating to eyes.

12. ECOLOGICAL INFORMATION

There is no risk to the environment from the use of this product. The product is insoluble in water. The product has no mobility in soil. There is no evidence for biodegradability in water or soil. PVC is not harmful to aquatic organisms.

13. WASTE DISPOSAL

Disposal Methods: Waste product comes within the scope of The Environmental Protection (Duty of Care) Regulations 1991 (SI 1991/2839 as amended SI 1996/972).

Check for possible re-cycling options.

14. TRANSPORT INFORMATION

These products are not classified as dangerous goods for carriage.

15. REGULATORY INFORMATION

Not classified as dangerous for supply.

16. OTHER INFORMATION

This product should be used as directed.

This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials. This Safety Data Sheet, in CHIP format, supersedes all previous issues, and users are cautioned to ensure it is current as of December 2002.